

Title (en)

AN AUTOMATED FIRE-FIGHTING COMPLEX INTEGRATING A TELEVISION SYSTEM

Title (de)

EINE AUTOMATISIERTE BRANDBEKÄMPFUNGSANLAGE MIT INTEGRIERTER BILDÜBERTRAGUNG

Title (fr)

POSTE AUTOMATISÉ D'EXTINCTION D'INCENDIES COMPRENANT UN SYSTÈME DE TÉLÉVISION

Publication

EP 2599525 B1 20151230 (EN)

Application

EP 11815812 A 20110714

Priority

RU 2011000517 W 20110714

Abstract (en)

[origin: EP2599525A1] The technical result comprises automated monitoring of the actual direction of the jet, resulting in a higher efficiency of fire extinguishing. The technical result is achieved in a robotized fire - fighting complex having two or more fire - fighting robots (1), each having a carriage- mounted barrel (3) with aiming drives (4,5); a device (13) to detect fire and a remote observation device, both connected to a device identifying the ignition source and determining the coordinates thereof, said identification device being connected to an information control and display device that generates control instructions for pointing the robots and extinguishing the fire, said robotized fire - fighting having a television system having video and IR channels television cameras mounted on the robots and connected to the input of the identification device, using a digital IR television signal processing program, and to the input of the device for identifying the jet and determining the coordinates thereof.

IPC 8 full level

A62C 31/00 (2006.01); **A62C 35/68** (2006.01)

CPC (source: EP)

A62C 31/00 (2013.01); **A62C 35/68** (2013.01)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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